

Reply To Examiner's Remarks

Claims 1-15, as amended, are presented for consideration.

The Examiner provisionally rejects claims 1-15 on the ground of non-statutory obviousness-type double patenting, asserting that a later-filed patent application, U.S. Serial No. 10/911,747, has claims that are not patentably distinct from the claims of the present U.S. Serial No. 10.779,504. The Applicants herewith submit an executed Terminal Disclaimer To Obviate A Provisional Double Patenting Rejection Over A Pending "Reference" Application.

The Examiner rejects claims 1-15 under 35 U.S.C. 112, second paragraph, as omitting essential structural cooperative relationships between elements. The Applicants herein amend independent claim 1 (the only independent claim) to clarify the essential structural cooperative relationships between the cap, the transition region, the insulator base and the pin(s). As amended, claim 1 now recites that the first and second projections in the insulator base are positioned to correspond to positions of the respective first and second depressions in the cap interface surface: mating of projection and corresponding depression is no longer recited.

The Applicants believe that the specification and claims 1-15, as amended, are in proper form for allowance of the application and request allowance of the application.

Respectfully Submitted,



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Patent representative for Applicants

Date: 30 November 2006